

D&R
Crude
Crude Lin
11FC048
Currently Feed Lin
Feed Lin

Crude	DHT/5H2S
Crude Limit:	DHT Limit:
11FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
Currently B/P and isolated. PP# 28124332	Sulfur Target is 6ppm, but 8ppm is sellable.
Feed Line up:	<u>Latest flash is 156[©]F</u>
Crude Op Mode	NHT
Op Mode:	NHT Limit:
DMC on	K-900A I/S
C-1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad number 2 cylinder suc loader on crankend. Will work after K252 N2 test
	number 2 cylinder suc loader on crankend. Will work after K252 N2 test
5Rhen	JHT
Rhen Limit:	JHT Limit: Raising Feed
Need to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
IRhen	Penhex
Rhen Limit:	Penhex Limit:
1/13N: Developed seal leak on P-3590A.	2.5M>Butamer
1//14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
n Reduction est.30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fire	
<u>Distillation</u>	Reforming
НО	GUS HO
Area Supervisor	нw но
TOU SUPERVIOUS	TIVV TIO
	Area Supervisor

LNC LNC Limit: 4S/C-->Diesel T/L 5S/C--->3160 Bottoms --> T-3161 & 3162 LNF LNF Limit: 4S/C -> Diesel T/L Bottoms (220R) --> T-3165

HNC

HNC Limit: 4S/C --> Diesel T/L 6S/C ->T-3161/62 Btms -> T-3159

HNF

HNF Limit: p-1360a blown seal Bottoms (600R) ->T-3168 DMC Controllers

18 Plant

18 Plant Limit: Raising rates Stripped H2O & NH3 on test.

DMC Controllers : on

RLOP Area Supervisor

DMC Controllers

HO

Cracking

FCC Limit:

FCC

Riser temp @ 1015°F

K-14C (north) jet ->machine shop.

Sidecut reduced to make more LCO cutter

ALKY

Alky Limit:

POLY

Poly Limit:

Feed @ 4M for product containment issues (PED).

Slip stream of C-670 overhead routed to cutter (400 BPD). The Cadillac of Cutter.

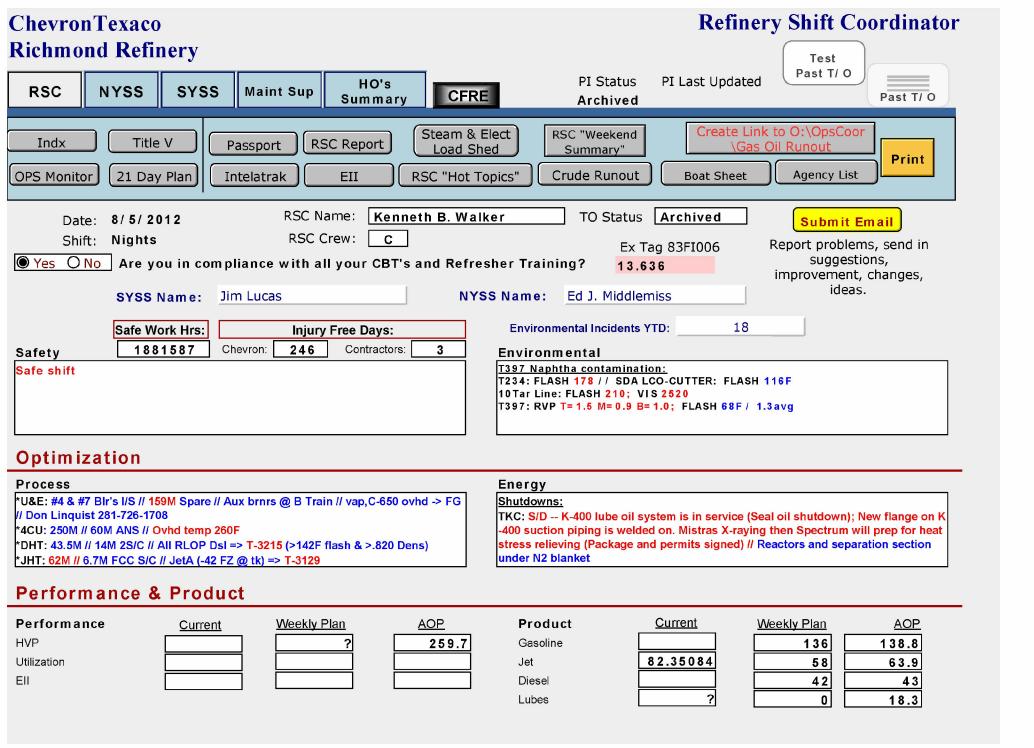
BUTAMER

Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17	
DMC Controllers	
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	#1 Train S/D update: Feed in scheduled for 12/6/07 Working F-2101 & F-2130 repairs.
SHU: On line	Working 1-2101 & 1-2130 Tepails.
FCC	Racks
НО	Racks Limit: None
	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C.= & 2 NC.
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
SRU	LPG Rax
SRU HO	LPG Rax HO
SRU HO	но
НО	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time
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SRU Area Supervisor	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time Alky Area Supervisor Effluent
SRU Area Supervisor U&E	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time Alky Area Supervisor

control card dayshift. 11/19. WO #26238313	
<u>Utilities</u>	<u>EOD</u>
СНО	HO
DHO	EOD Area Supervisor
РРНО	
Jtilities Area Supervisor	
B&S	
T&B (Crude & Refined) Crude Crude Feed: 10" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tie- ins to Tks.	Refined Blender: T-3213 AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
Crude HO	Refined HO

<u>w</u>	<u>'harf</u>
Wharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade Maint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
НО	Boat Coordinator
ORDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE CONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	
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D&R
Crude Crude Limit 11FC048 (A Currently BA Feed Line to
Op Mode: DMC on C-1160 OH
5Rhen

rude	DHT/5H2S
rude Limit:	DHT Limit:
1FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
urrently B/P and isolated. PP# 28124332	Sulfur Target is 6ppm, but 8ppm is sellable.
eed Line up:	<u>Latest flash is 156º</u> F
rude Op Mode	<u>NHT</u>
p Mode:	NHT Limit:
MC on	K-900A I/S
-1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad number 2 cylinder suc loader on crankend. Will work after K252 N2 test
	indiffuel 2 cylinder Suc loader on Crafficend. Will work after N232 N2 test
Rhen	JHT
Rhen Limit:	JHT Limit: Raising Feed
eed to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
Rhen	Penhex
Rhen Limit:	Penhex Limit:
1/13N: Developed seal leak on P-3590A.	2.5M>Butamer
1/14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
Reduction est. 30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fi	ire
<u>Distillation</u>	Reforming
НО	GUS HO
Area Supervisor	HW HO
	Area Supervisor
	7.1.0.1.0.1.1.0.1

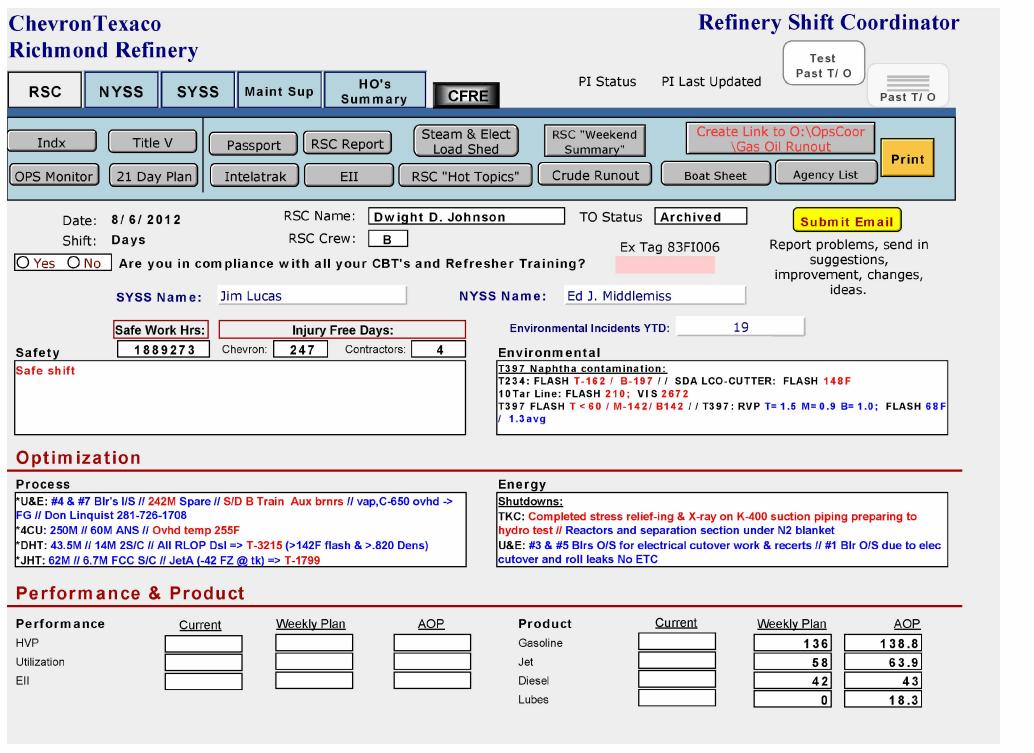
LNC **HNC** HNC Limit: LNC Limit: 4S/C --> Diesel T/L 4S/C-->Diesel T/L 6S/C ->T-3161/62 5S/C--->3160 Bottoms --> T-3161 & 3162 Btms -> T-3159 LNF **HNF** HNF Limit: LNF Limit: p-1360a blown seal 4S/C -> Diesel T/L Bottoms (220R) --> T-3165 Bottoms (600R) ->*T-3168* DMC Controllers DMC Controllers НО 18 Plant 18 Plant Limit: Raising rates Stripped H2O & NH3 on test. DMC Controllers : on **RLOP Area Supervisor**

Cracking	
FCC	POLY
FCC Limit:	Poly Limit:
Riser temp @ 1015 ⁰ F	Feed @ 4M for product containment issues (PED).
K-14C (north) jet ->machine shop.	Slip stream of C-670 overhead routed to cutter (400 BPD). The Cadillac of
Sidecut reduced to make more LCO cutter	Cutter.
ALKY	BUTAMER
Alky Limit:	Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17	
DMC Controllers	
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	#1 Train S/D update: Feed in scheduled for 12/6/07
SHU: On line	Working F-2101 & F-2130 repairs.
F00	Dealta
FCC	Racks Racks Limit: None
НО	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C.= & 2 NC.
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
SRU	LPG Rax
SRU HO	LPG Rax HO
HO SRU	но
	V-502 EBV worked on. It strokes, so long as hand wheel is in
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control card dayshift. 11/19. WO #26238313	
<u>Utilities</u>	<u>EOD</u>
СНО	HO
DHO	EOD Area Supervisor
РРНО	
Jtilities Area Supervisor	
B&S	
T&B (Crude & Refined) Crude Crude Feed: 10" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tie- ins to Tks.	Refined Blender: T-3213 AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
Crude HO	Refined HO

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Wharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade Maint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
НО	Boat Coordinator
ORDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE CONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	
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D&	F
Crude	•
Crude I	Li
11FC0	48

Crude	DHT/5H2S
Crude Limit:	DHT Limit:
1FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
Currently B/P and isolated. PP# 28124332	Sulfur Target is 6ppm, but 8ppm is sellable.
Feed Line up:	<u>Latest flash is 156⁰F</u>
Crude Op Mode	NHT
Op Mode:	NHT Limit:
DMC on	K-900A I/S
C-1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad
	number 2 cylinder suc loader on crankend. Will work after K252 N2 test
5Rhen	JHT
Rhen Limit:	JHT Limit: Raising Feed
Need to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
IRhen	Penhex
Rhen Limit:	Penhex Limit:
1/13N: Developed seal leak on P-3590A.	2.5M>Butamer
1//14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
n Reduction est.30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fire	
<u>Distillation</u>	Reforming
	<u>Ixerorining</u> .
НО	GUS HO
Area Supervisor	HW HO
	Area Supervisor
	Alea Supervisor

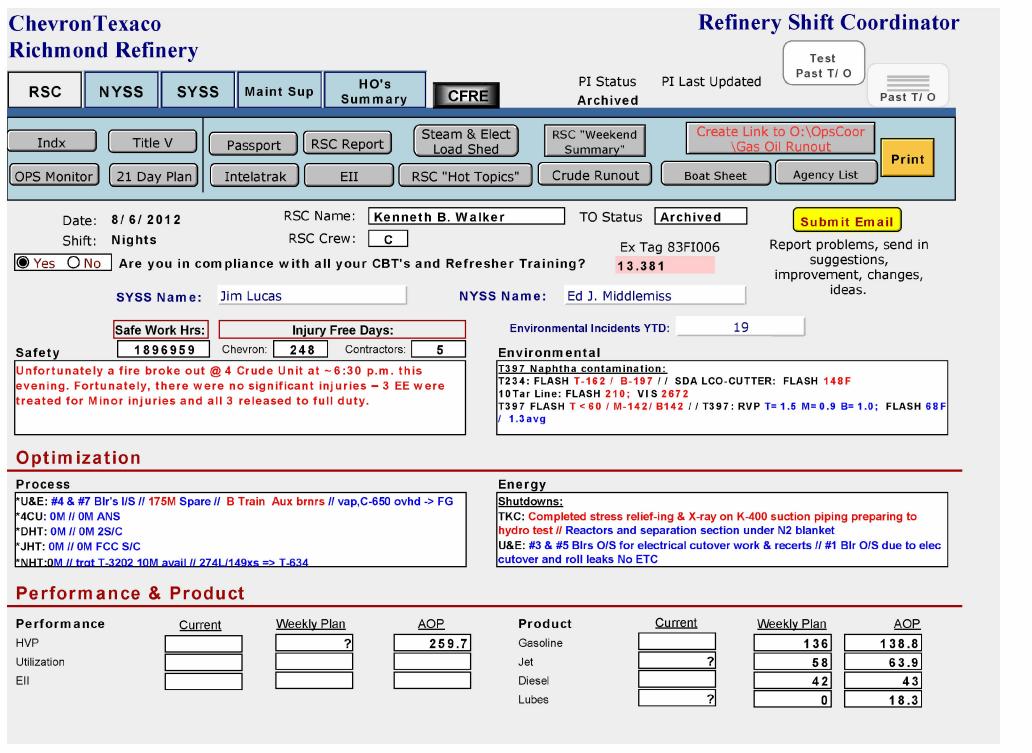
LNC HNC HNC Limit: LNC Limit: 4S/C --> Diesel T/L 4S/C-->Diesel T/L 6S/C ->T-3161/62 5S/C--->3160 Bottoms --> T-3161 & 3162 Btms -> T-3159 LNF HNF HNF Limit: LNF Limit: p-1360a blown seal 4S/C -> Diesel T/L Bottoms (220R) --> T-3165 Bottoms (600R) ->*T-3168* DMC Controllers DMC Controllers HO 18 Plant 18 Plant Limit: Raising rates Stripped H2O & NH3 on test. DMC Controllers : on **RLOP Area Supervisor**

Cracking	
FCC	POLY
FCC Limit:	Poly Limit:
Riser temp @ 1015°F	Feed @ 4M for product containment issues (PED).
K-14C (north) jet ->machine shop.	Slip stream of C-670 overhead routed to cutter (400 BPD). The Cadillac of
Sidecut reduced to make more LCO cutter	Cutter.
ALKY Alky Limit:	BUTAMER Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17	
DMC Controllers	
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	#1 Train S/D update: Feed in scheduled for 12/6/07
SHU: On line	Working F-2101 & F-2130 repairs.
F00	Dealta
FCC	Racks Racks Limit: None
НО	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C.= & 2 NC.
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
SRU	LPG Rax
SRU HO	LPG Rax HO
HO SRU	но
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control card dayshift. 11/19. WO #26238313	
<u>Utilities</u>	<u>EOD</u>
СНО	НО
DHO	EOD Area Supervisor
РРНО	
Utilities Area Supervisor	
buildes Area Supervisor	
B&S	
T&B (Crude & Refined)	
Crude Crude Feed:	Refined Blender: T-3213
Crude Feed: 10" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tieins to Tks.	<u>AVGAS</u>
HYDECC FEED	Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
<u>Crude</u>	Refined
но	но

<u>и</u>	<u>Vharf</u>
Vharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade flaint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
но	Boat Coordinator
RDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE ONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	



D&R
Crude Crude Limit: 11FC048 (A
Currently B/ Feed Line u Crude Op Op Mode:
DMC on C-1160 OH
5Rhen

rude	DHT/5H2S
rude Limit:	DHT Limit:
FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
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eed Line up:	<u>Latest flash is 156⁰</u> <u>F</u>
rude Op Mode	<u>NHT</u>
o Mode:	NHT Limit:
MC on	K-900A I/S
1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad number 2 cylinder suc loader on crankend. Will work after K252 N2 test
Rhen	JHT
Rhen Limit:	JHT Limit: Raising Feed
eed to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
Rhen	Penhex
Rhen Limit:	Penhex Limit:
/13N: Developed seal leak on P-3590A.	2.5M>Butamer
/14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
Reduction est 30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fi	<u> </u>
<u>Distillation</u>	Reforming
НО	GUS HO
	903 NO
rea Supervisor	HW HO
	Area Supervisor
	7.1 ca oupor ficor

HNC LNC HNC Limit: LNC Limit: 4S/C --> Diesel T/L 4S/C-->Diesel T/L 6S/C ->T-3161/62 5S/C--->3160 Btms -> T-3159 Bottoms --> T-3161 & 3162 LNF HNF HNF Limit: LNF Limit: p-1360a blown seal 4S/C -> Diesel T/L Bottoms (220R) --> T-3165 Bottoms (600R) ->*T-3168* DMC Controllers DMC Controllers НО 18 Plant 18 Plant Limit: Raising rates Stripped H2O & NH3 on test. DMC Controllers : on **RLOP Area Supervisor**

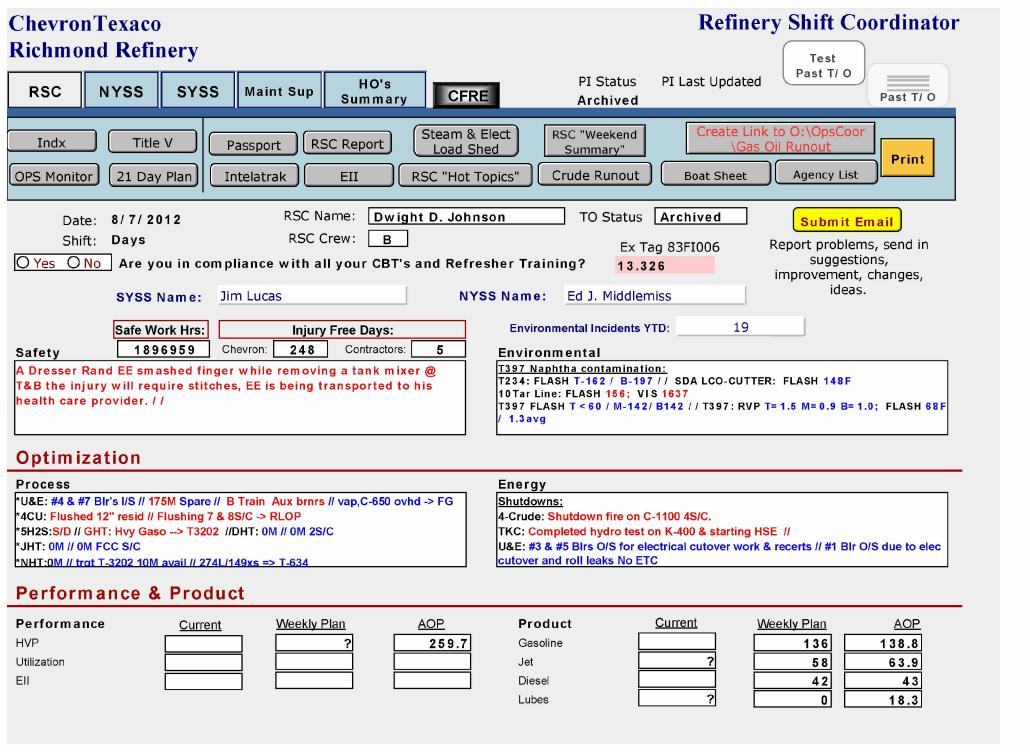
Cracking

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AMER
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"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17 DMC Controllers	
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	#1 Train S/D update: Feed in scheduled for 12/6/07
SHU: On line	Working F-2101 & F-2130 repairs.
FCC	Racks
НО	Racks Limit: None
	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
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FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
<u>SRU</u>	LPG Rax
НО	НО
	V-502 EBV worked on. It strokes, so long as hand wheel is in
	closed position? It will need to be changed next available time
SRU Area Supervisor	Alky Area Supervisor
U&E	
Utilities	
	Effluent Bio oderant system I/S - to remain I/S until further notice.

ondensate from 150lb 14" steam flange on 150lb stm hdr leaking onto control panel. Maint. put tarp on roof of control panel for temp. fix. Will change out control card dayshift. 11/19. WO #26238313	
<u>Utilities</u> CHO	EOD HO
ОНО	EOD Area Supervisor
РРНО	
Itilities Area Supervisor	
3&S	
T&B (Crude & Refined) Crude Crude Feed: 0" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tiens to Tks.	Refined Blender: T-3213
NYDECC FEED	AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
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<u>и</u>	<u>Vharf</u>
Vharf	Area Supervisor
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Off Hours Jobs	



D&R
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5Rhen

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leed to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
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	Relief system upgrade work:
IRhen	Penhex
Rhen Limit:	Penhex Limit:
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<u>Distillation</u>	Reforming
НО	GUS HO
Area Supervisor	HW HO
Area Supervisor	
Area Supervisor	HW HO Area Supervisor
Area Supervisor	
Area Supervisor	
Area Supervisor	

LNC Limit: 4S/C-->Diesel T/L 5S/C--->3160 Bottoms -->T-3161 & 3162

LNF Limit:

4S/C -> *Diesel T/L*Bottoms (220R) --> *T-3165*

DMC Controllers

HO

RLOP Area Supervisor

HNC

HNC Limit:

4S/C --> Diesel T/L 6S/C -> T-3161/62

Btms -> T-3159

HNF

HNF Limit:

p-1360a blown seal

Bottoms (600R) ->T-3168

DMC Controllers

18 Plant

18 Plant Limit*:* Raising rates

Stripped H2O & NH3 on test.

DMC Controllers : on

Cracking

FCC

FCC Limit:

Riser temp @ 1015°F

K-14C (north) jet ->machine shop.

Sidecut reduced to make more LCO cutter

ALKY

Alky Limit:

POLY

Poly Limit:

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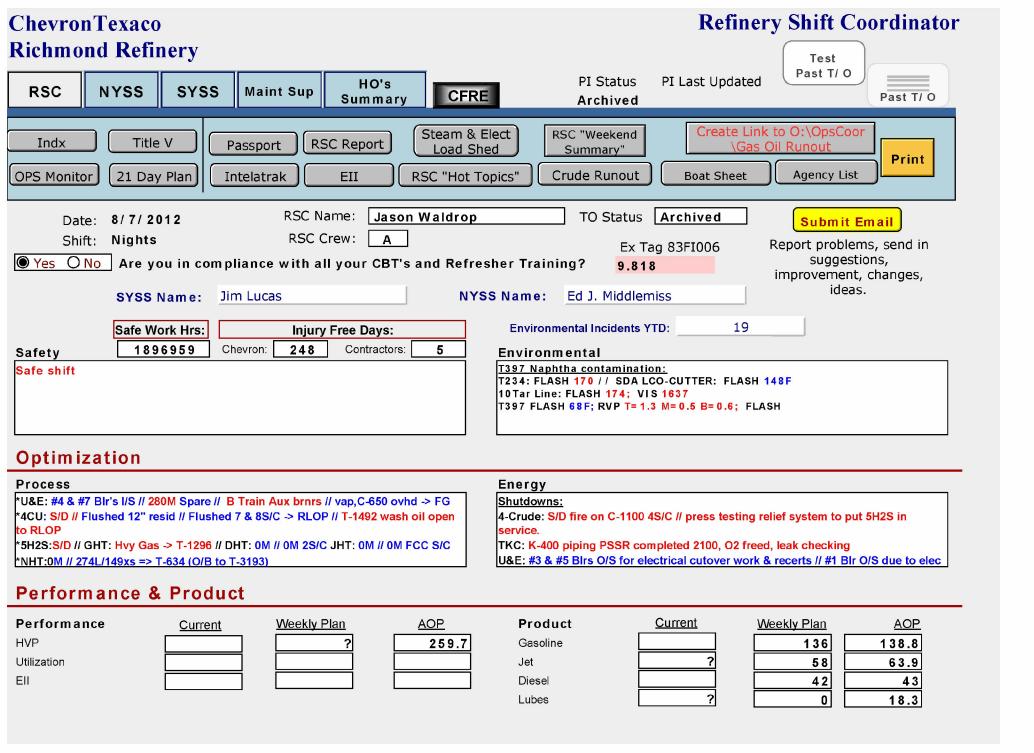
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Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17 DMC Controllers	
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DMC controller: ON	*1 Train S/D update: Feed in scheduled for 12/6/07
SHU: On line	Working F-2101 & F-2130 repairs.
<u>FCC</u>	Racks
НО	Racks Limit: None
	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C ₁ = & 2 NC ₁
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
SRU	<u>LPG Rax</u>
SRU HO	LPG Rax HO
HO SRU	но
НО	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time
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SRU Area Supervisor U & E Utilities	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time Alky Area Supervisor Effluent
SRU Area Supervisor U & E	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time Alky Area Supervisor

ondensate from 150lb 14" steam flange on 150lb stm hdr leaking onto control anel. Maint. put tarp on roof of control panel for temp. fix. Will change out ontrol card dayshift. 11/19. WO #26238313	
<u>Utilities</u> CHO	EOD HO
DHO	EOD Area Supervisor
РРНО	
Itilities Area Supervisor	
3&S	
Crude & Refined) Crude Crude Feed: 0" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tie-	Refined Blender: T-3213
STATES OF STATES AND STATES OF STATE	AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
<u>Crude</u> HO	Refined HO

<u>w</u>	<u>/harf</u>
Nharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade Maint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
НО	Boat Coordinator
ORDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE CONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	
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D&R	
Crude	

Plant Status

Crude	DHT/5H2S
Crude Limit:	DHT Limit:
11FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
Currently B/P and isolated. PP# 28124332	Sulfur Target is 6ppm, but 8ppm is sellable.
Feed Line up:	<u>Latest flash is 156º F</u>
Crude Op Mode	NHT
Op Mode:	NHT Limit:
DMC on	K-900A I/S
C-1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad
	number 2 cylinder suc loader on crankend. Will work after K252 N2 test
5Rhen	JHT
5Rhen Limit:	JHT Limit: Raising Feed
Need to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
4Rhen	Penhex
4Rhen Limit:	Penhex Limit:
11/13N: Developed seal leak on P-3590A.	2.5M>Butamer
11/14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
In Reduction est 30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fire	
<u>Distillation</u>	Reforming
НО	GUS HO
Area Supervisor	HW HO
	Area Supervisor

Hydroprocessing - Isomax 8 Plant **TKN** TKN Limit: 8 Plant Limit: H2S room at SRU On line - stripped H2O & NH3 on test Feeding 2MBD of 8S/C excess to TKN R-620 - Internal hot work ongoing; may load catalyst tonight **FGR** V R-530 - PSSR complete, under N2 pressure until #1SRU S/U K-1060 O/L. K-1070 on S/B TP-263A C/W pump--->outside shop (11-12 weeks) **SDA** OM C-730 btms 8.5M Jet -> Diesel T/L SDA Limit: PCI: 49 H₂S in recycle: 10 ppm TP-124 (asphalt) seal leak) @ shop for maintenance MCO: 2.6M Iso H₂ Bleed: OMM Utilities: **TKC BOOSTERS** TKC Limit: Boosters Limit: Feed 50MBPD & DAO ratio 45% to keep SRU feed below 11.5MBPD K-910,930, 940, 950 & K960 O/L K-920 S/B H₂ Bleed: 1.5 MM 2.0M TKC jet--->JHT 2.2M LGO->TKN MCO: 3.4M bbls DAO: 50% K-960 - Has two VOC Sp.Grav: .291 Sulfur: .215 Rec. Oil: 1332 BPD AH2TRN TKC Jet routed to cutter for inv needs AH2TRN Limit: K-300's Stand By DMC Controllers F-305 FSC min fire switch B/O. Do not test FSC. WOW. F-410/420: OFF F-710: ON **BH2TRN** North isomax BH2TRN Limit: HO 20 Plant 5 Bed operation South isomax HO **NI Area Supervisor**

SI Area Supervisor

Hydroprocessing - RLOP

HNC LNC LNC Limit: HNC Limit: 4S/C --> Diesel T/L 4S/C-->Diesel T/L 6S/C ->T-3161/62 5S/C--->3160 Btms -> T-3159 Bottoms --> T-3161 & 3162 HNF LNF LNF Limit: HNF Limit: 4S/C -> Diesel T/L p-1360a blown seal Bottoms (600R) ->T-3168 Bottoms (220R) --> T-3165 DMC Controllers DMC Controllers HO 18 Plant 18 Plant Limit: Raising rates Stripped H2O & NH3 on test. DMC Controllers : on **RLOP Area Supervisor** Cracking **FCC POLY** FCC Limit: Poly Limit:

ALKY

Alky Limit:

Riser temp @ 1015°F

K-14C (north) jet ->machine shop.

Sidecut reduced to make more LCO cutter

Feed @ 4M for product containment issues (PED).

Slip stream of **C-670 overhead** routed to cutter (400 BPD). The Cadillac of Cutter.

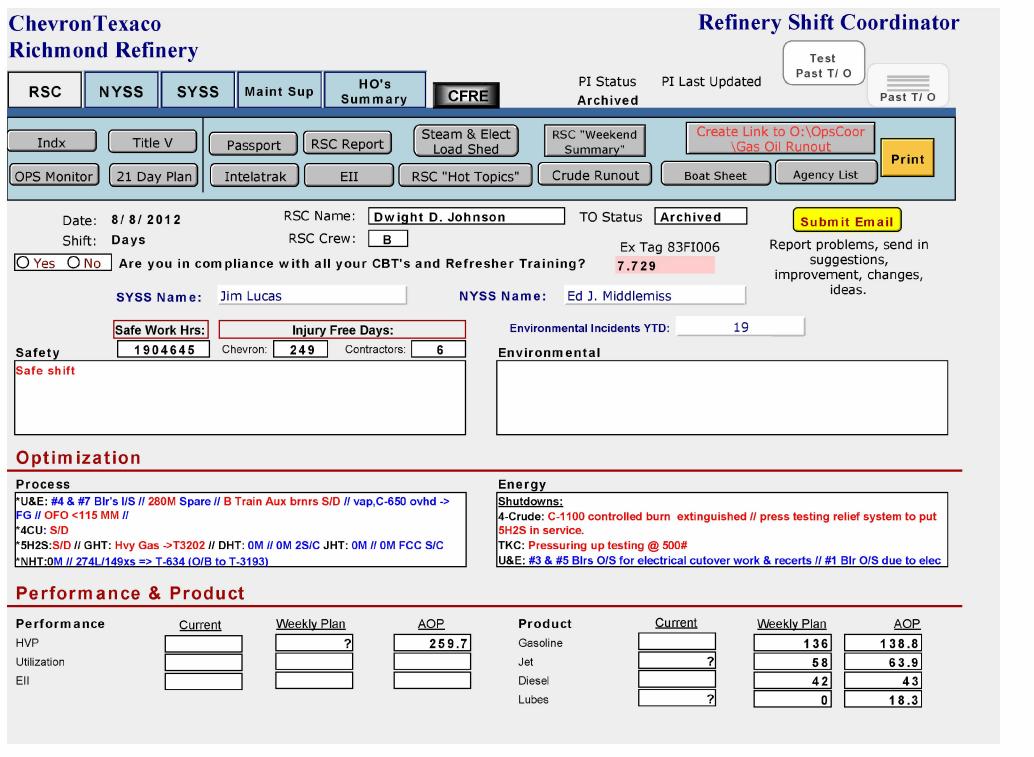
BUTAMER

Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17 DMC Controllers	
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	#1 Train S/D update: Feed in scheduled for 12/6/07
SHU: On line	Working F-2101 & F-2130 repairs.
FCC	Racks
НО	Racks Limit: None
	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C.= & 2 NC.
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
<u>SRU</u>	LPG Rax
НО	НО
	V-502 EBV worked on. It strokes, so long as hand wheel is in
	closed position? It will need to be changed next available time
SRU Area Supervisor	Alky Area Supervisor
U&E	
Utilities	
	Effluent Bio oderant system I/S - to remain I/S until further notice.

ondensate from 150lb 14" steam flange on 150lb stm hdr leaking onto control anel. Maint. put tarp on roof of control panel for temp. fix. Will change out ontrol card dayshift. 11/19. WO #26238313	
<u>Utilities</u> CHO	EOD HO
DHO	EOD Area Supervisor
РРНО	
Itilities Area Supervisor	
3&S	
Crude & Refined) Crude Crude Feed: 0" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tie-	Refined Blender: T-3213
STATE OF THE PROPERTY OF THE INTERSECTION OF THE PROPERTY FOR THE PROPERTY OF	AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
<u>Crude</u> HO	Refined HO

<u>и</u>	<u>/harf</u>
Wharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade Waint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
НО	Boat Coordinator
ORDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE CONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	
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D&R
Crude
Crude Lim
11FC048
Currently I
Feed Line
Crude O
Op Mode:
DMC on

Plant Status

Crude	DHT/5H2S
Crude Limit:	DHT Limit:
1FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
Currently B/P and isolated. PP# 28124332	Sulfur Target is 6ppm, but 8ppm is sellable.
Feed Line up:	<u>Latest flash is 156⁰F</u>
Crude Op Mode	NHT
Op Mode:	NHT Limit:
DMC on	K-900A I/S
C-1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad
	number 2 cylinder suc loader on crankend. Will work after K252 N2 test
SRhen	JHT
Rhen Limit:	JHT Limit: Raising Feed
Need to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
IRhen	Penhex
Rhen Limit:	Penhex Limit:
1/13N: Developed seal leak on P-3590A.	2.5M>Butamer
1/14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
n Reduction est.30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fire	
<u>Distillation</u>	Reforming
НО	GUS HO
A	
Area Supervisor	HW HO
Area Supervisor	
Area Supervisor	Area Supervisor
Area Supervisor	
Area Supervisor	
Area Supervisor	

Hydroprocessing - Isomax 8 Plant **TKN** TKN Limit: 8 Plant Limit: H2S room at SRU On line - stripped H2O & NH3 on test Feeding 2MBD of 8S/C excess to TKN R-620 - Internal hot work ongoing; may load catalyst tonight **FGR** V R-530 - PSSR complete, under N2 pressure until #1SRU S/U K-1060 O/L. K-1070 on S/B TP-263A C/W pump--->outside shop (11-12 weeks) **SDA** OM C-730 btms 8.5M Jet -> Diesel T/L SDA Limit: PCI: 49 H₂S in recycle: 10 ppm TP-124 (asphalt) seal leak) @ shop for maintenance MCO: 2.6M Iso H₂ Bleed: OMM Utilities: **TKC BOOSTERS** TKC Limit: Boosters Limit: Feed 50MBPD & DAO ratio 45% to keep SRU feed below 11.5MBPD K-910,930, 940, 950 & K960 O/L K-920 S/B H₂ Bleed: 1.5 MM 2.0M TKC jet--->JHT 2.2M LGO->TKN MCO: 3.4M bbls DAO: 50% K-960 - Has two VOC Sp.Grav: .291 Sulfur: .215 Rec. Oil: 1332 BPD AH2TRN TKC Jet routed to cutter for inv needs AH2TRN Limit: K-300's Stand By DMC Controllers F-305 FSC min fire switch B/O. Do not test FSC. WOW. F-410/420: OFF F-710: ON **BH2TRN** North isomax BH2TRN Limit: HO 20 Plant 5 Bed operation South isomax HO **NI Area Supervisor**

SI Area Supervisor

Hydroprocessing - RLOP

HNC LNC LNC Limit: HNC Limit: 4S/C --> Diesel T/L 4S/C-->Diesel T/L 6S/C ->T-3161/62 5S/C--->3160 Btms -> T-3159 Bottoms --> T-3161 & 3162 HNF LNF LNF Limit: HNF Limit: 4S/C -> Diesel T/L p-1360a blown seal Bottoms (600R) ->T-3168 Bottoms (220R) --> T-3165 DMC Controllers DMC Controllers HO 18 Plant 18 Plant Limit: Raising rates Stripped H2O & NH3 on test. DMC Controllers : on **RLOP Area Supervisor** Cracking **FCC POLY** FCC Limit: Poly Limit: Riser temp @ 1015°F

ALKY

Alky Limit:

K-14C (north) jet ->machine shop.

Sidecut reduced to make more LCO cutter

Feed @ 4M for product containment issues (PED).

Slip stream of C-670 overhead routed to cutter (400 BPD). The Cadillac of Cutter.

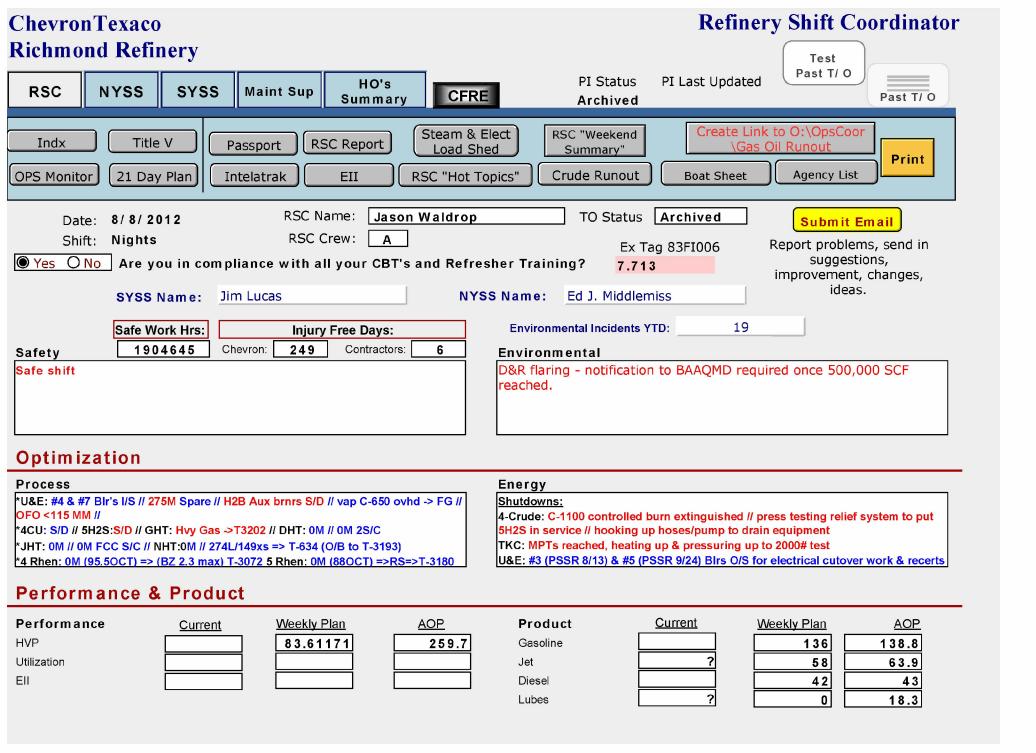
BUTAMER

Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17	
DMC Controllers	
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	*1 Train S/D update: Feed in scheduled for 12/6/07
SHU: On line	Working F-2101 & F-2130 repairs.
FCC	Racks
НО	Racks Limit: None
	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C.= & 2 NC.
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
<u>SRU</u>	LPG Rax
НО	НО
	V-502 EBV worked on. It strokes, so long as hand wheel is in
	closed position? It will need to be changed next available time
SRU Area Supervisor	Alky Area Supervisor
U&E	
Utilities	Effluent
[#] 3 Blr & # 4 on line. #1,5,&7 blrs avail 200M spare	Bio oderant system I/S - to remain I/S until further notice.
#4 BIr Source testing for BAAQMD being performed on 11/16.	

control card dayshift. 11/19. WO #26238313	
<u>Utilities</u>	<u>EOD</u>
СНО	НО
DHO	EOD Area Supervisor
РРНО	
Utilities Area Supervisor	
B&S	
T&B (Crude & Refined) Crude Crude Feed: 10" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tieins to Tks.	Refined Blender: T-3213 AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
Crude HO	Refined HO

<u>w</u>	<u>'harf</u>
Wharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade Maint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
НО	Boat Coordinator
ORDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE CONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	
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D&	F
Crude	•
Crude	Li
11EC0	11

Plant Status

Crude	DHT/5H2S
Crude Limit:	DHT Limit:
1FC048 (ABCR FLOW CONTROLLER) Failed @ 50% valve position.	Dsl T/L sulfur low reducing cat Avg. = 677F
Currently B/P and isolated. PP# 28124332	Sulfur Target is 6ppm, but 8ppm is sellable.
Feed Line up:	<u>Latest flash is 156⁰F</u>
Crude Op Mode	NHT
Op Mode:	NHT Limit:
DMC on	K-900A I/S
C-1160 OH temp high DMC control issue	K-900 S/D and on Hot standby. Maintenance confirmed 1st stage bad
	number 2 cylinder suc loader on crankend. Will work after K252 N2 test
5Rhen	JHT
Rhen Limit:	JHT Limit: Raising Feed
Need to keep Recycle ratio down to minimize DP on R-550. (Max 8)	Max jet mode
	Recovering from upset at F-247, feed back in at 0230 Hrs
	Relief system upgrade work:
IRhen	Penhex
Rhen Limit:	Penhex Limit:
1/13N: Developed seal leak on P-3590A.	2.5M>Butamer
1//14D: P-3590 at shop "A" priority Est. return 11/17 early A.M.	
n Reduction est.30hrs: Electrolytic H2 is in: nxt steps: Start compressor and fire	
<u>Distillation</u>	Reforming
	<u>Ixerorining</u> .
НО	GUS HO
Area Supervisor	HW HO
	Area Supervisor
	Alea Supervisor

Hydroprocessing - Isomax 8 Plant **TKN** TKN Limit: 8 Plant Limit: H2S room at SRU On line - stripped H2O & NH3 on test Feeding 2MBD of 8S/C excess to TKN R-620 - Internal hot work ongoing; may load catalyst tonight **FGR** V R-530 - PSSR complete, under N2 pressure until #1SRU S/U K-1060 O/L. K-1070 on S/B TP-263A C/W pump--->outside shop (11-12 weeks) **SDA** OM C-730 btms 8.5M Jet -> Diesel T/L SDA Limit: PCI: 49 H₂S in recycle: 10 ppm TP-124 (asphalt) seal leak) @ shop for maintenance MCO: 2.6M Iso H₂ Bleed: OMM Utilities: **TKC BOOSTERS** TKC Limit: Boosters Limit: Feed 50MBPD & DAO ratio 45% to keep SRU feed below 11.5MBPD K-910,930, 940, 950 & K960 O/L K-920 S/B H₂ Bleed: 1.5 MM 2.0M TKC jet--->JHT 2.2M LGO->TKN MCO: 3.4M bbls DAO: 50% K-960 - Has two VOC Sp.Grav: .291 Sulfur: .215 Rec. Oil: 1332 BPD AH2TRN TKC Jet routed to cutter for inv needs AH2TRN Limit: K-300's Stand By DMC Controllers F-305 FSC min fire switch B/O. Do not test FSC. WOW. F-410/420: OFF F-710: ON **BH2TRN** North isomax BH2TRN Limit: HO 20 Plant 5 Bed operation South isomax HO **NI Area Supervisor**

SI Area Supervisor

Hydroprocessing - RLOP

LNC LNC Limit: 4S/C--> Diesel T/L 5S/C---> 3160 Bottoms --> T-3161 & 3162 LNF LNF Limit: 4S/C -> Diesel T/L Bottoms (220R) --> T-3165 DMC Controllers

HNC

HNC Limit: 4S/C --> Diesel T/L 6S/C -> T-3161/62 Btms -> T-3159

HNF

HNF Limit:
p-1360a blown seal
Bottoms (600R) ->*T-3168*DMC Controllers

18 Plant

18 Plant Limit: Raising rates
Stripped H2O & NH3 on test.

DMC Controllers : on

RLOP Area Supervisor

Cracking

FCC

FCC Limit:

HO

Riser temp @ 1015°F

K-14C (north) jet ->machine shop.

Sidecut reduced to make more LCO cutter

ALKY

Alky Limit:

POLY

Poly Limit:

Feed @ 4M for product containment issues (PED).

Slip stream of **C-670 overhead** routed to cutter (400 BPD). The Cadillac of Cutter

BUTAMER

Butamer Limit:

"C" contactor LOTO'd & seal pot emptied. Will blind week of 11/12 "E"contactor Art Mares & machinist working 11/16 & 11/17	
DMC Controllers	
VDIP	enu
YDIB	SRU
YDIB Limit:	SRU Limit:
Burning C₃s for BTUs/ supporting Hydro furnaces	Reduced SWC due to feed composition change.
DMC controller: ON	#1 Train S/D update: Feed in scheduled for 12/6/07 Working F-2101 & F-2130 repairs.
SHU: On line	Working F-2101 & F-2130 repairs.
<u>FCC</u>	Racks
НО	Racks Limit: None
	T-3212 cleaned & de-pressured to inspect week of 11/12
	#5 & #6 loading arms O/S - PSSR 11/13.
	Offloaded 1 C ₄ = & 2 NC ₄
FCC Area Supervisor	Alky/Poly/Yard DIB/Butamer
	НО
<u>SRU</u>	LPG Rax
	HO
	110
НО	V 502 EBV worked on It strokes so long as hand wheel is in
ПО	V-502 EBV worked on. It strokes, so long as hand wheel is in
ПО	V-502 EBV worked on. It strokes, so long as hand wheel is in closed position? It will need to be changed next available time
	closed position? It will need to be changed next available time
SRU Area Supervisor	
	closed position? It will need to be changed next available time
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SRU Area Supervisor	closed position? It will need to be changed next available time
	closed position? It will need to be changed next available time
SRU Area Supervisor	closed position? It will need to be changed next available time Alky Area Supervisor Effluent
SRU Area Supervisor U&E	closed position? It will need to be changed next available time Alky Area Supervisor
SRU Area Supervisor U & E Utilities	closed position? It will need to be changed next available time Alky Area Supervisor Effluent

ondensate from 150lb 14" steam flange on 150lb stm hdr leaking onto control anel. Maint. put tarp on roof of control panel for temp. fix. Will change out ontrol card dayshift. 11/19. WO #26238313	
<u>Utilities</u> CHO	EOD HO
DHO	EOD Area Supervisor
РРНО	
Itilities Area Supervisor	
3&S	
Crude & Refined) Crude Crude Feed: 0" O/T=>T-3076 (4 Wks) while 18" Valley Fill line is OOS in Quarry for tie-	Refined Blender: T-3213
STATES OF STATES AND STATES OF STATE	AVGAS Ran out of T-1491 RR Alky (64.0 per recipe)>T-3214/ waiting on more
<u>Crude</u> HO	Refined HO

<u>Wharf</u>	
Nharf	Area Supervisor
31: Mty 32: Sassanoa D 80.0 Alky > 3193 ETF 16:30 then L 80.0 Reg < T-3189 Summer Grade Maint. resumes work on ERD Analyzer on dayshift for 3189 cargo load	
НО	Boat Coordinator
ORDER ON 3F/O EXPANSION JOINT ON CAUSEWAY @ 76C. PLEASE CONTINUE TO WATCH UNTIL REPAIRED.	
Maintenance	
Break-in Jobs	Long Term Jobs
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Off Hours Jobs	
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